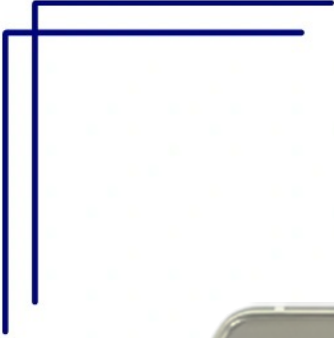




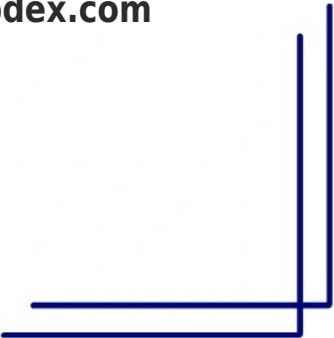
LABDex



Handheld Colorimeter LX201HCR



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Description

Handheld Colorimeter LX201HCR is a compact, handheld device designed for rapid and precise color measurement. Integrated with multiple color charts and advanced color-difference formulas, it ensures accurate on-site color evaluation. Its portable design and intuitive operation make it ideal for quick inspections, mobile quality control, and color matching across a wide range of industries.

Specifications

Measuring aperture	8 mm
Illumination geometry	d/8
Lighting source	Full spectrum LED light source
Measurement conditions	Light source D65, field of view 10°
Display	OLED
Color space	CIE Lab, Luv, LCh, Yxy, CMYK, RGB, Hex
Color difference formula	ΔE^*_{ab} , ΔE^*_{uv} , ΔE^*_{94} , ΔE^*_{cmc} (2:1), ΔE^*_{cmc} (1:1), ΔE^*_{00} , ΔE^*_{cmc} (1.4:1)
Repeatability	Standard deviation within ΔE^*_{ab} 0.03
External dimension	57 x 57 x 89.4 mm
Net weight	126 g
Packing dimension	90 x 150 x 90 mm
Gross weight	2 Kg

Features

- ˘ Uses a full-spectrum white LED light source with detector
- ˘ Built-in QC testing function with pass/NG judgment and adjustable ΔE thresholds
- ˘ Supports 7 colour spaces and 6 colour-difference formulas
- ˘ App includes multiple colour charts with fast matching for up to 3 colour codes
- ˘ Enables data sharing and external data import via WhatsApp, email
- ˘ Capable of continuous 10,000 measurements on a full charge

Applications

- ˘ It is widely used in textile printing and dyeing, paper making, plastics, paints, and other industries, and provides dependable colour control and supports efficient quality management.



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